

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1975	(427/488-491,536,538,525).OCLS.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/11/27 15:16
L2	5354	((Plasma glow adj discharg\$5 PECVD) near2 (polymer\$7 copolymer\$7)) same (monomer alcohol acid amine hydrocarbon fluorocarbon perfluorohexane fluoro adj hexane ethyleneoxide ethylene adj oxide siloxane disiloxane HMDSO hexamethyldisiloxane)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L3	1420	((Plasma glow adj discharg\$5 PECVD) near2 (polymer\$7 copolymer\$7)) with (nonuniform non adj uniform pattern\$5 different\$7 differ\$3 gradient gradual\$5 variation varying varied distribut\$7 increas\$5 decreas\$5)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L4	746	L2 and L3	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L5	449	L2 same L3	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16

L6	533	L2 same2 L3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L7	533	L4 and (L5 or L6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L8	101	L1 and L7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L9	44	L8 and (array microarray assay\$5 immunoassay\$5 microtitre proteins cells biomolecules biological enzymes DNA RNA amino adj acid peptide)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L10	951192	(Composition deposit\$7 chemistry) with (nonuniform non adj uniform pattern\$5 different \$7 differ\$3 gradient gradual\$5 variation varying varied distribut\$7 increas\$5 decreas\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L11	36	L9 and L10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16

L12	10549	(Plasma glow adj discharg\$5 PECVD) with (move \$2 moving movable movement shift\$4 translat\$5 rotat\$5) with (workpiece substrate work piece object article film holder support stage)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L13	116	L8 and L12	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L14	92	L9 or L11 or L13 or (L7 and L12)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:16
L15	1	L14 and @pd> "20090620"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:20
L16	1422	((Plasma glow adj discharg\$5 PECVD) near2 (polymer\$7 copolymer\$7)) with (heterogeneous nonuniform non adj uniform pattern\$5 different \$7 differ\$3 gradient gradual\$5 variation varying varied distribut\$7 increas\$5 decreas\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:24
L17	13596	((Plasma glow adj discharg\$5 PECVD) with (mask \$5 aperture slot)) with (heterogeneous nonuniform non adj uniform pattern\$5 different \$7 differ\$3 gradient gradual\$5 variation varying varied distribut\$7 increas\$5 decreas\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:27

L18	171	L16 and L17	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:27
L19	96	L16 same L17	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:27
L20	38	L18 and L19 and (array microarray assay\$5 immunoassay\$5 microtitre proteins cells biomolecules biological enzymes DNA RNA amino acid peptide)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:28
L21	58	L19 not L20	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:28
L22	37	L20 not L14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:29
L23	57	L21 not L14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:29

L24	8524	(427/488-491,536,538,525,562,563,564,569-580).OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/11/27 15:35
L25	2	L22 and L24	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:36
L26	3	L23 and L24	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:36
L27	35	L20 not (L14 or L24)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:37
L28	54	L21 not (L14 or L24)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:37
L29	439	(427/562,563,564).OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/11/27 16:32

L30	2	(L29 and (L18 or L19)) not L20	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:34
L31	12	(L29 and (L16 or L17)) not (L20 or L30)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:35
L32	1	"3786306".PN.	USPAT; USOCR	OR	ON	2009/11/27 16:40
L33	1	"4335160".PN.	USPAT; USOCR	OR	ON	2009/11/27 16:41
L34	1	"4936940".PN.	USPAT; USOCR	OR	ON	2009/11/27 16:41
L35	1	"5284544".PN.	USPAT; USOCR	OR	ON	2009/11/27 16:41
L36	1	"6372298".PN.	USPAT; USOCR	OR	ON	2009/11/27 16:42
L37	1	"6423924".PN.	USPAT; USOCR	OR	ON	2009/11/27 16:42
L38	15	L29 and ((Plasma glow adj discharg\$5 PECVD) with (line point heterogeneous nonuniform non adj uniform pattern\$5 different\$7 differ\$3 gradient gradual\$5 variation varying varied distribut\$7 increas\$5 decreas\$5)) same(mask\$5 aperture slot)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:50
L39	7	L38 not (L20 or L30 or L31)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:51

L40	31	L29 and ((Plasma glow adj discharg\$5 PECVD) same (line linear point heterogeneous nonuniform non adj uniform pattern\$5 different \$7 differ\$3 gradient gradual\$5 variation varying varied distribut\$7 increas\$5 decreas\$5)) same (mask\$5 aperture slot)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:54
L41	16	L40 not (L20 or L30 or L31 or L39)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:55
L42	1	"4859908".PN.	USPAT; USOCR	OR	ON	2009/11/27 17:07
L43	1	"5466424".PN.	USPAT; USOCR	OR	ON	2009/11/27 17:08
L44	1	"6017396".PN.	USPAT; USOCR	OR	ON	2009/11/27 17:08
L45	1	"6202292".PN.	USPAT; USOCR	OR	ON	2009/11/27 17:09
L46	561	L24 and ((Plasma glow adj discharg\$5 PECVD) same (line linear point heterogeneous nonuniform non adj uniform pattern\$5 different \$7 differ\$3 gradient gradual\$5 variation varying varied distribut\$7 increas\$5 decreas\$5)) same (mask\$5 aperture slot)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 17:11
L47	217	L24 and ((Plasma glow adj discharg\$5 PECVD) same (line linear point planar)) same(mask\$5 aperture slot)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 17:12

L48	121	L24 and ((Plasma glow adj discharg\$5 PECVD) with (line linear point planar)) same(mask\$5 aperture slot)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 17:12
L49	21	L24 and ((Plasma glow adj discharg\$5 PECVD) near2 (line linear point planar)) same(mask\$5 aperture slot)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 17:12
L50	19	L49 not (L20 or L30 or L31 or L39 or L41)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 17:13
L51	297	Linear adj plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 17:23
L52	15	(L51 and L24) not (L20 or L30 or L31 or L39 or L41 or L50)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 17:24
L53	10	L52 and (polymer\$7 copolymer\$7 monomer alcohol acid amine hydrocarbon fluorocarbon perfluorohexane fluoro adj hexane ethyleneoxide ethylene adj oxide siloxane disiloxane HMDSO (hexamethyldisiloxane)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 17:29

**EAST Search History (Interference)**

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